

# SD50TI



- **Multi-Format support – DVD+R/RW, DVD+R DL, DVD-R/RW, DVD-R DL, DVD-RAM, CD-R/RW**
- **Double Layer DVD+R (8.5GB) and dual layer DVD-R (8.5GB) recording supported**
- **2MB Cache Buffer with buffer Under-run protection**
- **High Speed USB 2.0 Interface**
- **Bus powered**

## SD50TI TEMPEST EXTERNAL DVD REWRITER

The most recent addition to the SST range of external peripherals is the SD50TI. Based on the popular LG GSA-E50N, the SD50TI is a versatile high performance external DVD rewriter, capable of handling a wide range of optical media. The SD50TI incorporates multi-format support to allow the use of DVD+R/RW, DVD+R DL, DVD-R/RW, DVD-R DL, DVD-RAM and CD-R/RW.

The SD50TI features a USB 2.0 interface to ensure that the speed of the drive is suitable for all current DVD burning needs.

Retaining the same sleek design of the OEM model, the SD50TI is compliant to TEMPEST SDIP 27 level B / AMMSG788A.

# SPECIFICATION SD50TI TEMPEST EXTERNAL DVD REWRITER

## Write Speed:

DVD+R: 2.4x CLV, 4x ZCLV, 8x CAV  
DVD-R: 2x CLV, 4x ZCLV, 8x CAV  
DVD+RW: 2.4x, 3.3x CLV, 4x ZCLV, 8x ZCLV  
(8x Speed disc: 3.3x CLV, 8x ZCLV)  
DVD-RW: 1x, 2x CLV, 4x, 6x ZCLV  
DVD-RAM: 2x, 3x ZCLV, 5x P-CAV(Ver.2.2) (16x Media: Not supported)  
CD-R: 10x CLV, 16x, 24x ZCLV  
CD-RW: 4x, 10x CLV, 16x ZCLV  
(High Speed: 10x CLV, Ultra Speed: 16x ZCLV  
Ultra Speed plus: 16x ZCLV)  
DVD+R DL: 2.4x CLV, 4x ZCLV, 6x ZCLV  
DVD-R DL: 2x CLV, 4x ZCLV, 6x ZCLV

## Read Speed :

BD-ROM(SL): 4x CAV.  
BD-ROM(DL): 3.2x CAV.  
BD-R(SL): 4x CAV.  
BD-R(DL)/BD-RE(SL/DL): 3.2x CAV.  
HD DVD-ROM(SL): 3x max  
HD DVD-ROM(DL): 2.4x max  
DVD-R/RW/ROM(SL/DL): 10x / 8x / 12x / 8x max.  
DVD-R DL: 6x max.  
DVD-Video(CSS Compliant Disc): 6x max.  
(Single/Dual layer)  
DVD+R/+RW: 12x / 8x max.  
DVD+R DL: 6x max.  
CD-R/RW/ROM: 32x / 24x / 32x max.  
CD-DA (DAE): 24x max.

## Sustained Transfer Rate:

DVD-ROM: 11.08 Mbytes/s (12x) max.  
CD-ROM: 3,600 Kbytes/s (32x) max.

## Access time:

CD-ROM 140 ms  
DVD-ROM 160 ms

## Buffer Size:

CD, DVD: 2 MB

## Interface type:

USB 2.0 (480Mbits/s)

## Writing Method:

DVD-RAM Random Write  
DVD+R Sequential Recording  
DVD+RW Random Write  
DVD+R DL Sequential Recording  
DVD-R DL Disc at Once, Format 4  
CD-R / RW Disc at Once, Session at Once, Track at Once and Packet Write  
DVD-R Disc at Once and Incremental Recording  
DVD-R /RW Disc at Once, Incremental Recording

## Compatible Formats:

DVD-ROM 4.7GB  
DVD-ROM (DL) 8.5GB  
DVD-R:  
3.95GB (Ver. 1.0: read only)  
4.7GB (Ver. 2.0 for Authoring: read only)  
4.7GB (Ver. 2.1 for General: read & write)  
DVD-R (DL) 8.5GB (Ver. 3.0)  
DVD-RW 4.7GB (Ver. 1.2/ Rev 1.0, 2.0, 3.0)  
DVD-RAM 2.6GB/side (Ver. 1.0: read only),  
1.46GB/side, 4.7GB/side (Ver. 2.2)  
DVD+R 4.7GB (Ver. 1.3)  
DVD+R (DL) 8.5GB (Ver. 1.1)  
DVD+RW 4.7GB (Vol.1 Ver.1.3)

## CD:

CD-ROM Mode-1 data disc  
CD-ROM Mode-2 data disc  
CD-ROM XA  
CD-I  
Photo-CD Multi-Session  
Video CD  
CD-Audio Disc  
Mixed mode CD-ROM disc (data and audio)  
CD-Extra  
CD-Text  
CD-R (Conforming to "Orange Book Part 2": read & write)  
CD-RW (Conforming to "Orange Book Part 3": read & write)

## Dimensions (W x H x D):

156 x 165.20 x 21.4 mm



## For further information please contact:

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